

IN THE CLAIMS

The following claim set replaces all prior versions, and listings, of claims in the application:

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1. (Thrice Amended) A honeycomb sandwich panel comprising:  
a honeycomb core having a number of cells extending therethrough in a thickness direction of the honeycomb core; and

*D1*  
a front surface layer and a rear surface layer provided on both sides of the cells in the thickness direction of the honeycomb core and ~~closing~~ fused to close openings of the cells, ~~at least one of the front surface layer and the rear surface layer being made of a porous and air-permeable fiber reinforced plastic using a phenolic resin as a matrix~~ a phenolic resin, which becomes porous when it is cured after heating and which allows passage of air between inside and outside of the cells.

2. (As originally filed) A honeycomb sandwich panel according to claim 1, wherein each of the front surface layer and the rear surface layer is made of at least a single layer.

3. (Thrice Amended) A honeycomb sandwich panel according to claim 1, wherein ~~each of the front surface layer and the rear surface layer is~~ are made of a porous and air-permeable carbon fiber reinforced plastic using ~~a phenolic resin as a matrix~~ a phenolic resin, which becomes porous when it is cured after heating and which allows passage of air between inside and outside of the cells.

4. (Thrice Amended) A honeycomb sandwich panel according to claim 1, wherein each of the front surface layer and the rear surface layer is are made of a porous and air-permeable glass fiber reinforced plastic using a ~~phenolic resin~~ as a matrix a phenolic resin, which becomes porous when it is cured after heating and which allows passage of air between inside and outside of the cells.

5. (As originally filed) A honeycomb sandwich panel according to claim 1, wherein the honeycomb core is made of a light metal

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and  
6. (Previously Amended) A honeycomb sandwich panel according to claim 1, wherein the honeycomb core is made of a material selected from the group consisting of an aramid fiber and a glass fiber reinforced plastic.

7. (Four times Amended) A honeycomb sandwich panel for use in an interior material, exterior material, partition material or structural member of a spacecraft comprising:

a honeycomb core having a number of cells extending therethrough in a thickness direction of the honeycomb core; and

a front surface layer and a rear surface layer provided on both sides of the cells in the thickness direction of the honeycomb core and ~~closing~~ fused to close openings of the cells, ~~at least one of~~ the front surface layer and the rear surface layer being made of a porous and air-permeable fiber reinforced plastic using a phenolic resin as a matrix a phenolic resin, which becomes porous when it is cured after heating and which allows passage of air between inside and outside of the cells.

8. (As originally filed) A honeycomb sandwich panel according to claim 7,  
wherein each of the front surface layer and the rear surface layer is made of at least a  
single layer.

9. (Previously Amended) A honeycomb sandwich panel according to claim 7,  
wherein each of the front surface layer and the rear surface layer is made of a carbon  
fiber reinforced plastic using a phenolic resin as a matrix.

10. (Previously Amended) A honeycomb sandwich panel according to claim 7,  
wherein each of the front surface layer and the rear surface layer is made of a porous and  
air-permeable glass fiber reinforced plastic using a phenolic resin as a matrix.

11. (As originally filed) A honeycomb sandwich panel according to claim 7,  
wherein

12. (As originally filed) A honeycomb sandwich panel according to claim 7,  
wherein the honeycomb core is made of a light metal.